



**US Army Corps
of Engineers®**
Engineer Research and
Development Center
3909 Halls Ferry Road
Vicksburg, MS 39180-6199

Environmental Executive Notes

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News Briefs from**

Environmental Laboratory
Dr. John Keeley, Acting Director
(601) 634-3477
e-mail: keeleyj@wes.army.mil

ERDC to Kick Off Advanced UXO Technology Demonstration Project

The Environmental Security Technology Certification Program (ESTCP) recently funded a project to design and conduct a series of demonstrations of advanced unexploded ordnance (UXO) detection and discrimination technologies. The project will be jointly executed by researchers from ERDC, the Navy's Explosive Ordnance Disposal Technology Division, and the Army Environmental Center. Data from these demonstrations will be analyzed to select technologies for cleanup of UXO in difficult magnetic clutter environments such as those found in the Kaho'olawe, HI, sites. ERDC will begin preparing three test sites at Jefferson Proving Ground, IN, this spring, and initial technology demonstrations are scheduled for June 2000.

POC: Dr. Ernesto R. Cespedes, 601-634-2655, cespede@wes.army.mil

ERDC Team Member Recognized

Dr. John Cullinane was recently granted specialty certification, Hazardous Waste, and status as Diplomat of the American Academy of Environmental Engineers.

POC: Dr. John Cullinane, 601-634- 3723, cullinm@wes.army.mil

Natural and Cultural Resources Training

Specialized hands-on training for natural and cultural resource managers in the use of state-of-the-art Global Positioning Systems (GPS) and data processing and analysis is available. The course involves at least 1 day of GPS field training and at least 1 day of data processing and analysis. New software and hardware developments are demonstrated as well as appropriate GIS modeling and evaluation methods. Applicants should contact the POC below. Training will be tailored to individual user needs.

POC: Dr. Frederick L. Briuer, (601) 634-4204, briuerf@wes.army.mil

PIANC Working Group

The Permanent International Association of Navigation Congresses (PIANC) Working Group on "Ecological Engineering Guidelines for Wetland Restoration in Relation to the Development, Operation and Maintenance of Navigation Infrastructure" met in Brussels, Belgium, on 8-10 February 2000. The Working Group is represented by nine different countries from Europe, North America, and Asia. At this initial meeting, Dr. Russell Theriot, EL, was selected as Working Group Chairman. The group has 2 years to finalize its report.

POC: Dr. Russell F. Theriot, 601-634-2733, therior@wes.army.mil

Dredged Material Assessment and Management Seminar

A Dredged Material Assessment and Management Seminar, sponsored jointly by the Corps of Engineers and the EPA was held in San Diego, CA, during 11-13 January 2000. The seminar focused on assessment and testing for waters regulated under the Marine Protection, Research, and Sanctuaries Act and the Clean Water Act. There were 176 attendees from the Corps, EPA, Federal and State agencies, consulting firms, and universities. Information regarding this and future seminars can be found at www.wes.army.mil/el/dots (click on "Training").

POC: Robert Engler, 601-634-3624, englerr@wes.army.mil

PROSPECT Courses

The PROSPECT program, managed by the Professional Support Development Center (PSDC), is designed to meet unique Corps of Engineers and other government agency training needs. The courses address many ecological planning, restoration, and management issues that the Corps and other government agencies are now facing both on a project level and an ecosystem level. Spaces are available in the following upcoming courses:

Riparian Ecol/Mgt	Harlingen, TX	1-5 May 2000
Coastal Ecology	Monterey, CA	8-12 May 2000
Fund Wetlands	Annapolis, MD	5-9 June 2000
Wet Mit Bank Dev/Mgt	Orlando, FL	26-30 June 2000
Riparian Ecol/Mgt	Missoula, MT	26-30 June 2000
Regulatory V	Central US	10-14 July 2000
Ecos Pln/Mgt Issues	New Orleans, LA	24-28 July 2000
Fund Wetlands	Olympia, WA	7-11 August 2000